Tower schedule for 66kV Vartej-Nari Road Line under Vartej AM Division

GPS No	TOWER ID	Tower span (in meter)	Section Length (in meter)	Tower/H-Frame/UG Cable	Type of Structure	Type of Conductor	Type of String/Hardware (S/S,D/S,S/T,D/T)	SRI PER TOWER	Suspension SRI	Tension SRI	S.S. H\W	D.S. H\W	S.T. H\W	D.T. H\W	PA ROD	Damper	Mid Span joint	Repair sleeve	T connector with pad	HTLS palm w/o hole	Crossing Details
	GENTRY(VARTEJ SS/NARI ROAD LINE)			Gantry + Cable Termination		DOG + UG cable	T	3	0	3	0	0	3	0	0	3	0	0	3	6	Gantry SRI end as well as Cable termination
		200		**UG Cable**																	**UG cable laid** from Gentry of 220kV Vartej SS to First tower
	T001		0	Cable TerminationTower	C	DOG	T(Vartej Side), D/T (Nari Side)	9	0	9	0	0	3	3	0	6	0	0	3	6	Cable Termination Tower as well as T,D/T tower. Vartej Side Cable, Nari Side D/T
		115.6																			11kV line cross, Temple cross, Bhavnagar-Rajkot road cross
	T002		115.6	TOWER	D	DOG	D/T (Vartej Side), T(Nari side)	9	0	9	0	0	3	3	0	6	0	0	0	0	
		122.2																			
	T003		122.2	H-FRAME	B	DOG	T	9	0	9	0	0	3	3	0	6	0	0	0	0	
		191.7																			**Company road cross**, 11kV Transformer DP cross
	T004		191.7	H-FRAME	B	DOG	T	9	0	9	0	0	3	3	0	6	0	0	0	0	Converted from"A" to "B" under OH to UG line shifting deposit work,
		150																			
	T004-A		150	Twin C	C (Tension), Cable Termination DP	DOG	T(Vartej Side), Cable Nari Side	3	0	3	0	0	3	0	0	3	0	0	3	6	Cable Termination Twin C type DP, Line Shifted from OH to UG cable in applicant premise under deposit work
		360		**UG Cable**																	**UG cable laid** in applicant premises under OH to UG line shifting under deposit work
	T004-B			Twin C	C (Tension), Cable Termination DP	Dog	Cable Vartej Side, D/T (Nari Side)	6	0	6	0	0	0	3	0	3	0	0	3	6	Cable Termination Twin C type DP, Line Shifted from OH to UG cable in applicant premise under deposit work
		50																			Industrial area rough road cross, LT cross, Service/Street light cable cross
	T005		50	H-Frame	B (Tension)	Dog	D/T (Vartej Side), T (Nari Side)	12	0	12	0	0	0	6	0	6	0	0	0	0	Newly erected "B" type H-Frame for OH to UG line shifting applicant deposit work
		128.6																			**Vartej GIDC road cross, Canal cross**
	T006			H-FRAME	A	DOG	S	6	6	0	0	3	0	0	3	6	0	0	0	0	
		185.6																			**Industrial area road cross**, 11kV Transformer DP cross
	T007			H-FRAME	A	DOG	S	6	6	0	0	3	0	0	3	6	0	0	0	0	
		135.1																			Agriculture rough road cross
	T008		449.3	H-FRAME	B	DOG	T	6	0	6	0	0	6	0	0	6	0	0	0	0	Converted from"A" to "B" under OH to UG line shifting deposit work due to Nari Chowkdi Over Bridge
		147.2																			Agriculture rough road cross
	T009		147.2	Twin C	C (Tension), Cable Termination DP	Dog	T(Vartej Side), Cable Nari side	3	0	3	0	0	3	0	0	3	0	0	3	6	Cable Termination Twin C type DP, Line Shifted from OH to UG cable under deposit work due to Nari Chowkdi Over Bridge
		320		**UG Cable**																	**UG cable laid** due to Nari Chowkdi Over Bridge, Bhavnagar-Pipali NH cross
	T009A	161.1		Twin C	C (Tension), Cable Termination DP	Dog	Cable Vartej side, T(Nari side)	3	0	3	0	0	3	0	0	3	0	0	3	6	Cable Termination Twin C type DP, Line Shifted from OH to UG cable under deposit work due to Nari Chowkdi Over Bridge
	T010		161.1	H-FRAME	B	DOG	D/T (Vartej Side), T(Nari side)	9	0	9	0	0	3	3	0	6	0	0	0	0	
		110.9																			Agriculture rough road cross
	T011		110.9	H-FRAME	B	DOG	T	9	0	9	0	0	3	3	0	6	0	0	0	0	
		92.1																			11kV line cross, **Residential Society RCC Road cross**

GPS No	TOWER ID	Tower span (in meter)	Section Length (in meter)	Tower/H-Frame/UG Cable	Type of Structure	Type of Conductor	Type of String/Hardware (S/S,D/S,S/T,D/T)	SRI PER TOWER	Suspension SRI	Tension SRI	S.S. H\W	D.S. H\W	S.T. H\W	D.T. H\W	PA ROD	Damper	Mid Span joint	Repair sleeve	T connector with pad	HTLS palm w/o hole	Crossing Details
	T012		92.1	H-FRAME	C	DOG	T	9	0	9	0	0	3	3	0	6	0	0	0	0	
		192.4																			
	T013			H-FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		156.4																			
	T014			H-FRAME	A	DOG	S	6	6	0	0	3	0	0	3	6	0	0	0	0	
		170.7																			Agriculture area rough road cross, **Industrial RCC road cross**
	T015			H-FRAME	A	DOG	S	6	6	0	0	3	0	0	3	6	0	0	0	0	**DP in between Industrial RCC road**
		150.3																			**Industrial RCC road cross**
	T016			H-FRAME	A	DOG	S	6	6	0	0	3	0	0	3	6	0	0	0	0	
		177.1																			
	T017			H-FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		138.5																			
	T018			H-FRAME	A	DOG	S	6	6	0	0	3	0	0	3	6	0	0	0	0	
		126.5																			LT line cross, Vartej road cross, 11kV transformer DP cross, **Company RCC road cross**
	T019		1111.9	H-FRAME	C	DOG	T(Vartej Side), DT (Nari side)	12	0	12	0	0	0	6	0	6	0	0	0	0	
		86.9																			Canal cross, **Railway track cross,** Agriculture road cross
	T020		86.9	H-FRAME	C	DOG	DT (Vartej side), T(Nari side)	9	0	9	0	0	3	3	0	6	0	0	0	0	
		116.7																			
	T021		116.7	H-FRAME	C	DOG	DT (Nari side), T(Vartej Side)	9	0	9	0	0	3	3	0	6	0	0	0	0	
		191.3																			**Canal cross**, Agriculture road cross
	T022		191.3	H-FRAME	B	DOG	DT (Vartej side), T(Nari side)	9	0	9	0	0	3	3	0	6	0	0	0	0	
		118.9																			
	T023			H-FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		160.2																			
	T024			H-FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		179.6																			
	T025			H-FRAME	A	DOG	S	6	6	0	0	3	0	0	3	6	0	0	0	0	
		177.7																			**Drain cross**
	T026			H-FRAME	A	DOG	S	6	6	0	0	3	0	0	3	6	0	0	0	0	
		174.8																			**Water pump cross**, 11kV Transformer DP cross
	T027			H-FRAME	A	DOG	S	6	6	0	0	3	0	0	3	6	0	0	0	0	
		165.1																			
	T028			H-FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		176.1																			Agriculture area rough road cross
	T029			H-FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		178.6																			
	T030		1331	H-FRAME	B	DOG	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		169.7																			Agriculture area rough road cross
	T031			H-FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		174.7																			Agriculture area rough road cross
	T032			H-FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		173.9																			
	T033			H-FRAME	A	DOG	S	6	6	0	0	3	0	0	3	6	0	0	0	0	**DP in Water logging Creek Area**
		234.7																			**Pond cross**
	T034			H-FRAME	A	DOG	S	6	6	0	0	3	0	0	3	6	0	0	0	0	**DP in Water logging Creek Area**
		245.5																			
	T035			H-FRAME	A	DOG	S	6	6	0	0	3	0	0	3	6	0	0	0	0	**DP in Water logging Creek Area**
		138.9																			
	T036		1137.4	H-FRAME	B	DOG	T	12	0	12	0	0	0	6	0	6	0	0	0	0	**DP in Water logging Creek Area**
		115.3																			
	T037		115.3	H-FRAME	C	DOG	T	12	0	12	0	0	0	6	0	6	0	0	0	0	**DP in Water logging Creek Area**
		71.4																			
	T038		71.4	H-FRAME	B	DOG	T	12	0	12	0	0	0	6	0	6	0	0	0	0	**DP in Water logging Creek Area**
		33.8																			
	GENTRY(NARI ROAD SS/VARTEJ LINE)		33.8					3	0	3	0	0	3	0	0	3	0	0	3	6	
	Total	**6665.8**	**5785.8**					**279**	**96**	**183**	**24**	**36**	**57**	**63**	**60**	**240**	**6**	**6**	**21**	**42**	
								Additional Quantity	**6**	**6**	**4**	**1**	**4**	**1**	**6**	**6**	**0**	**0**	**0**	**0**	
								Final Quantity	**102**	**189**	**28**	**37**	**61**	**64**	**66**	**246**	**6**	**6**	**21**	**42**	

UG Cable portion (-)	**880**	
Total OH	**5785.8**	**Mtr**
Total OH with both end gentry	**5785.80**	**Meter**
Total OH length in KM	**5.786**	**Mtr**
Total Length of Conductor	**17.4448**	**KM**

17.358

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